

SEQUENCE LISTING

<110> Rittershaus, Charles W.
Thomas, Lawrence J.

<120> MODULATION OF CHOLESTERYL ESTER TRANSFER PROTEIN (CETP) ACTIVITY

<130> TCS-411.1P US-1; Tcs-411.1P US-2

<140> not yet assigned

<141> 2001-08-30

<150> 08/432,483

<151> 1995-05-01

<150> PCT/US96/06147

<151> 1996-05-01

<150> 08/945,289

<151> 1997-10-17

<160> 9

<170> PatentIn version 3.1

<210> 1

<211> 26

<212> PRT

<213> Artificial Sequence

<220>

<223> C - terminal 26 amino acids of Human CETP

<400> 1

Arg	Asp	Gly	Phe	Leu	Leu	Gln	Met	Asp	Phe	Gly	Phe	Pro	Glu	His
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Leu	Leu	Val	Asp	Phe	Leu	Gln	Ser	Leu	Ser
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<211> 31

<212> PRT

<213> Artificial Sequence

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<223> vaccine peptide of the invention

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Cys	Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu	Phe
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Gly Phe Pro Glu His Leu Leu Val Asp Phe Leu Gln Ser Leu Ser
 20 25 30

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 <211> 21
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<220>
 <223> helper T cell epitope of tetanus toxin

<400> 3

Phe Asn Asn Phe Thr Val Ser Phe Trp Leu Arg Val Pro Lys Val Ser
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Ala Ser His Leu Glu
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<210> 4
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 <212> PRT
 <213> Homo Sapiens

<400> 4

Cys Ser Lys Gly Thr Ser His Glu Ala Gly Ile Val Cys Arg Ile Thr
 1 5 10 15

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 20 25 30

Thr Ala Phe Gln Arg Ala Ser Tyr Pro Asp Ile Thr Gly Glu Lys Ala
 35 40 45

Met Met Leu Leu Gly Gln Val Lys Tyr Gly Leu His Asn Ile Gln Ile
 50 55 60

Ser His Leu Ser Ile Ala Ser Ser Gln Val Glu Leu Val Glu Ala Lys
 65 70 75 80

Ser Ile Asp Val Ser Ile Gln Asn Val Ser Val Val Phe Lys Gly Thr
 85 90 95

Leu Lys Tyr Gly Tyr Thr Thr Ala Trp Trp Leu Gly Ile Asp Gln Ser
 100 105 110

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Leu	Asp	Phe	Gln	Ile	Thr	Pro	Lys	Thr	Val	Ser	Asn	Leu	Thr	Glu	Ser
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Ser	Ser	Glu	Ser	Ile	Gln	Ser	Phe	Leu	Gln	Ser	Met	Ile	Thr	Ala	Val
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Gly	Ile	Pro	Glu	Val	Met	Ser	Arg	Leu	Glu	Val	Val	Phe	Thr	Ala	Leu
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Met	Asn	Ser	Lys	Gly	Val	Ser	Leu	Phe	Asp	Ile	Ile	Asn	Pro	Glu	Ile
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Ile	Thr	Arg	Asp	Gly	Phe	Leu	Leu	Leu	Gln	Met	Asp	Phe	Gly	Phe	Pro
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Glu	His	Leu	Leu	Val	Asp	Phe	Leu	Gln	Ser	Leu	Ser				
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<213> Homo Sapiens

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<213> rabbit
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65

70

75

80

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85 90 95

Leu Asn Tyr Ser Tyr Thr Ser Ala Trp Gly Leu Gly Ile Asn Gln Ser
100 105 110

Val Asp Phe Glu Ile Asp Ser Ala Ile Asp Leu Gln Ile Asn Thr Glu
115 120 125

Leu Thr Cys Asp Ala Gly Ser Val Arg Thr Asn Ala Pro Asp Cys Tyr
130 135 140

Leu Ala Phe His Lys Leu Leu Leu His Leu Gln Gly Glu Arg Glu Pro
145 150 155 160

Gly Trp Leu Lys Gln Leu Phe Thr Asn Phe Ile Ser Phe Thr Leu Lys
165 170 175

Leu Ile Leu Lys Arg Gln Val Cys Asn Glu Ile Asn Thr Ile Ser Asn
180 185 190

Ile Met Ala Asp Phe Val Gln Thr Arg Ala Ala Ser Ile Leu Ser Asp
195 200 205

Gly Asp Ile Gly Val Asp Ile Ser Val Thr Gly Ala Pro Val Ile Thr
210 215 220

Ala Thr Tyr Leu Glu Ser His His Lys Gly His Phe Thr His Lys Asn
225 230 235 240

Val Ser Glu Ala Phe Pro Leu Arg Ala Phe Pro Pro Gly Leu Leu Gly
245 250 255

Asp Ser Arg Met Leu Tyr Phe Trp Phe Ser Asp Gln Val Leu Asn Ser
260 265 270

Leu Ala Arg Ala Ala Phe Gln Glu Gly Arg Leu Val Leu Ser Leu Thr
275 280 285

Gly Asp Glu Phe Lys Lys Val Leu Glu Thr Gln Gly Phe Asp Thr Asn
290 295 300

Gln Glu Ile Phe Gln Glu Leu Ser Arg Gly Leu Pro Thr Gly Gln Ala
305 310 315 320

Gln Val Ala Val His Cys Leu Lys Val Pro Lys Ile Ser Cys Gln Asn
325 330 335

Arg Gly Val Val Val Ser Ser Ser Val Ala Val Thr Phe Arg Phe Pro
340 345 350

Arg Pro Asp Gly Arg Glu Ala Val Ala Tyr Arg Phe Glu Glu Asp Ile
355 360 365

Ile Thr Thr Val Gln Ala Ser Tyr Ser Gln Lys Lys Leu Phe Leu His
370 375 380

Leu Leu Asp Phe Gln Cys Val Pro Ala Ser Gly Arg Ala Gly Ser Ser
385 390 395 400

Ala Asn Leu Ser Val Ala Leu Arg Thr Glu Ala Lys Ala Val Ser Asn
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Leu Thr Glu Ser Arg Ser Glu Ser Leu Gln Ser Ser Leu Arg Ser Leu
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Ile Ala Thr Val Gly Ile Pro Glu Val Met Ser Arg Leu Glu Val Ala
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Phe Thr Ala Leu Met Asn Ser Lys Gly Leu Asp Leu Phe Glu Ile Ile
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Asn Pro Glu Ile Ile Thr Leu Asp Gly Cys Leu Leu Leu Gln Met Asp
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<212> DNA
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<212> PRT

<213> Artificial Sequence

<220>

<223> vaccine peptide of the invention

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20 25 30

Asp Ile Phe Gly Phe Pro Glu His Leu Leu Val Asp Phe Leu Gln Ser
35 40 45

Leu Ser
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<210> 9

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> vaccine peptide of the invention

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1 5 10 15

Phe Pro Arg Pro Asp Gly Arg Glu Ala Val Ala Tyr Arg Phe Glu Glu
20 25 30

Asp Ile Phe Gly Phe Pro Lys His Leu Leu Val Asp Phe Leu Gln Ser
35 40 45

Leu Ser
50

FOUOES"EEETHOQ